

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/011709

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C17/383 C07C17/20 C07C17/354 C07C19/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|--------------------------|
| X | WO 01/98240 A (SHOWA DENKO K.K; OHNO, HIROMOTO; KAGA, KAZUNARI; OHI, TOSHIO) 27 December 2001 (2001-12-27) page 5, line 21 - page 6, line 9 page 17, line 15 - page 18, line 28 page 23, line 14 - page 24, line 10; claims 1-19 | 1-3,5, 9-13, 16-19 |
| X | US 2002/183568 A1 (OHNO HIROMOTO ET AL) 5 December 2002 (2002-12-05) paragraphs '0018!, '0072!, '0073! ----- -/-- | 1-3,5, 9-13, 16-19 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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| P,Y | US 2003/157800 A1 (OHNO HIROMOTO ET AL) 21 August 2003 (2003-08-21) paragraph '0045!; claims 1-20 ----- | 1-19 |
| Y | WO 02/18305 A (SHOWA DENKO K. K; OHNO, HIROMOTO; OHI, TOSHIO) 7 March 2002 (2002-03-07) page 2, line 21 - line 34 page 14, line 20 - line 35; claims 1-20 ----- | 1-19 |

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